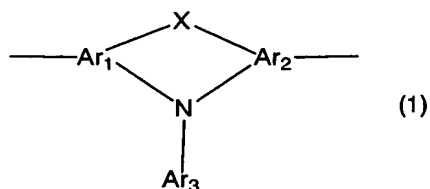


ABSTRACT

A complex composition containing a polymer compound and a metal complex showing light-emission from triplet excited state comprising the repeating unit represented by formula (1), a polymer complex compound which contains a repeating unit represented by formula (1), and a metal complex structure showing light-emission from triplet excited state, and exhibits a visible light-emission in the solid state.



(wherein, Ar₁ and Ar₂ each independently represent a trivalent aromatic hydrocarbon group or a trivalent trivalent heterocyclic group, Ar₃ represents an aromatic hydrocarbon group or a heterocyclic group, and said Ar₃ has on the ring a group selected from alkyl group, alkoxy group, alkylthio group, alkylsilyl group, alkylamino group, aryl group, aryloxy group, arylalkyl group, arylalkoxy group, arylalkenyl group, arylalkynyl group, arylamino group, monovalent heterocyclic group, and cyano group. X represents a single bond or a connecting group).